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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/032,698	12/27/2001	Peidong Yang	18062R-004300US	5364
20350	7590	11/04/2004	EXAMINER	
TOWNSEND AND TOWNSEND AND CREW, LLP TWO EMBARCADERO CENTER EIGHTH FLOOR SAN FRANCISCO, CA 94111-3834			WONG, ERIC K	
			ART UNIT	PAPER NUMBER
			2883	

DATE MAILED: 11/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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10/032,698

EXAMINER
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ART UNIT	PAPER
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1004

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Commissioner for Patents

The documents submitted by applicant on 20 June 2003 in the Information Disclosure Statement have been considered and made of record. Note attached copy of form PTO-1449. None of the documents submitted disclose or reasonably suggest the novelty of the invention in the application. Namely, the documents submitted do not disclose or reasonably suggest an optical switch that comprises a nanowire structure that has a first and second electrical state that changes by exposing an active surface region with illuminating energy to release a chemical species selected from O<sub>2</sub>, NO<sub>2</sub>, H<sub>2</sub>O, NO and SO<sub>2</sub>.

Frank G. Font  
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Technology Center 2800